State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

FISH & GAME
OCT 13 1992
REGION II
HABITAT DIVISION

AWC Volume (SE) SC SW W AR IN USGS Quad CRAIG A-3

Anadromous Water Catalog Number of Waterway 103-25-10050-2031-3021

Name of Waterway trib. to E. Fk. Saltery Cr. USGS name ___ Local name ___

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 069

Revision Year: ___

Revision to: Atlas ___ Catalog ___ Both X

Revision Code: A-2

Janal Shea — Regional Supervisor — 10-9-92 Date

Ed Weiss — 12/15/92

L. Stone — Drafted — 12/31/92 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho salmon	7/22/92		X		Yes
Dolly Varden char	7/22/92		X		unknown

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:

See attached field notes and inspection report.

Name of Observer (please print) James D. Durst, Habitat Biologist

Date: 10/5/92 Signature: James D Durst

Address: ADF&G Habitat Division
P.O. Box 271, Klawock, AK 99925

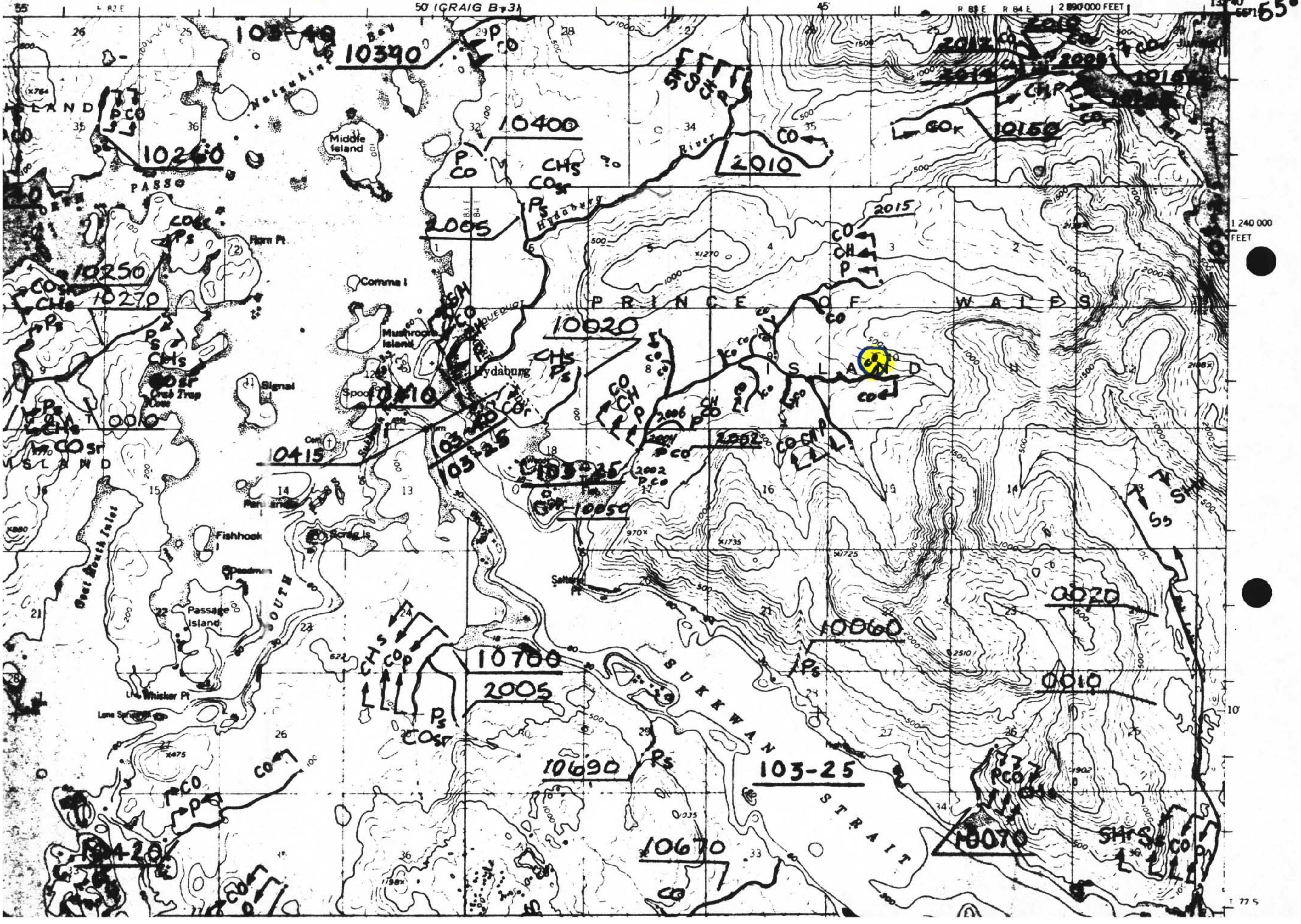
Signature of Area Biologist: Jack Gustafson

Rev. 12/91

ANO STREAM
103-25-10050-
LESS THAN 1/8"=660' -> USE "*" TO DENOTE

CRAIG (A-3) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

132°40'
55°



50' (CRAIG B-3)
45'
2 890 000 FEET
1 240 000 FEET
PRINCE OF WALES ISLAND
SUKKWAN STRAIT
Hydaburg
Hydaburg River
Middle Island
Comma I
Mushroom Island
Signal
Crab Trap Cove
Fishhook I
Passage Island
Whisker Pt
Saltery Pt
Goat Mouth Inlet
10390
10400
10260
10250
10270
10020
10410
10415
10050
10700
2005
10690
10670
10070
10060
0020
0010
0016
10150
2010
2015
2006
2002
103-25
CO
CH
P
Ps
COsr
CHs

22 July (cont.)

stopped at culvert at 32+00; stream 1-2' wide in 2'-3' deep slot through muskeg; organic bottom, good flow; culvert installation OK, but could have been bedded deeper; should pass fish;

stopped at culvert at 35+50; low flow; culvert less than I expected; looks marginal for fish pass if needed

drove to fork at 250 Spur & left truck; walked to a bit beyond, proceeded nearly to end of 100 Road; at 240 Spur split, dropped S downhill to Saltery Creek above falls; [illegible] traps going downstream, largely duplicating KFP's 7/14/92 trapping; went up small

22 July (cont.)

Trib from N to upper end of water flow, where KFP says upper end ended; I agree; CO fry seen in pools, but trapped some anyway;

Trib: upper end OHW 2'-5' middle, 1' x 2' flow presently, lots of LWD; gravel, 30 chains W of E property line; 3%-4%; silty banks

~~Upper~~ Trap 10 CO, 3 DV
(KFP had >5 CO above this)
CO seen in pools

near mouth, high water channel from Saltery, trib 5'/10' at mouth; [illegible] good Type A for trib & Saltery at [illegible]

At the lower end of this section, a tributary enters from the north. At its mouth, the tributary is 5-10' wide, and adjacent to a high water channel of Saltery Creek. We went up the tributary about 400', to where KFP flagged a 2-5' wide section as the upper limit of anadromous habitat. I agree with their assessment. I saw coho fry in most of the pools below this point, and a baited minnow trap in the lower end of the tributary captured coho and Dolly Varden. The anadromous portion of this stream has a gradient of 3-4%, with silty banks and sandy gravel substrate. Banks are held in place by the vegetation. LWD is abundant.

It appeared to me that Saltery Creek had lost its rocky influence by the time we reached the mouth of the tributary. Ellis agreed with that assessment, and said that it continues without rock downstream. LWD appears to be prominent, gradient shallow, and the banks vegetatively controlled.

I have two major concerns. First, the falls does not appear to have the makings of a full physical barrier to coho. I have discussed this with Division of Sport Fish, and they have the same opinion. Further trapping well above the falls would help shed light on whether adults made it up the falls last year, but the fry have been blown out in the high energy section I trapped. Since fry would be unable to make it up the falls, they would not now be present, but may be present higher up in the stream if not blown out there. Alternatively, the low water levels at present may be inhibiting fry movement in the stream, and the traps were not in areas they currently reside. Second, if the falls are determined to be the upper limit of anadromous habitat, I am concerned that this high energy stream will unravel as a result of removing the large trees holding the banks in place, causing instabilities which could heavily impact the anadromous habitat below the falls.

100 Road: Considerable progress has been made on this road system since the last time I visited it. The mainline is pioneered nearly to the east property boundary, and the rock trucks were halfway between the 240 and 250 spurs. The bridge over the North Fork Saltery Creek looks good. The fine gravels on the west bank were retained, and damage to the stream from instream work appears negligible. Grass seeding along the cut bank and waste area west of the bridge would be beneficial to keep [illegible] out of the stream. The culvert at station 32+00 is in and appears to be functioning for fish passage. I appreciate KFP's care with both of these crossings.

I would like to reexamine Saltery Creek above the falls once some rain has raised water levels a bit. At the same time, we could have an interagency discussion on appropriate water body type classifications for the stream reaches involved.

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ALASKA DEPT. OF
FISH & GAME

OCT 13 1992

REGION II
HABITAT DIVISION

AWC Volume (SE) SC SW W AR IN USGS Quad Craig A-3

Anadromous Water Catalog Number of Waterway 103-25-10050 - various

Name of Waterway Saltery Creek System USGS name ___ Local name ___

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 93 055

Revision Year: ___

Revision to: Atlas ___ Catalog ___

Both ___

Revision Code: ___

Jamal Shea — Regional Supervisor — 10-9-92 — Date

___ — Drafted — ___ — Date

OBSERVATION INFORMATION

See attachments

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls.

Comments:

Extensive baited minnow trapping and fry observation during several Forest Practices Inspections. See attached sheets for details.

Name of Observer (please print) James D. Durst, Habitat Biologist

Date: 10/6/92 Signature: James D Durst

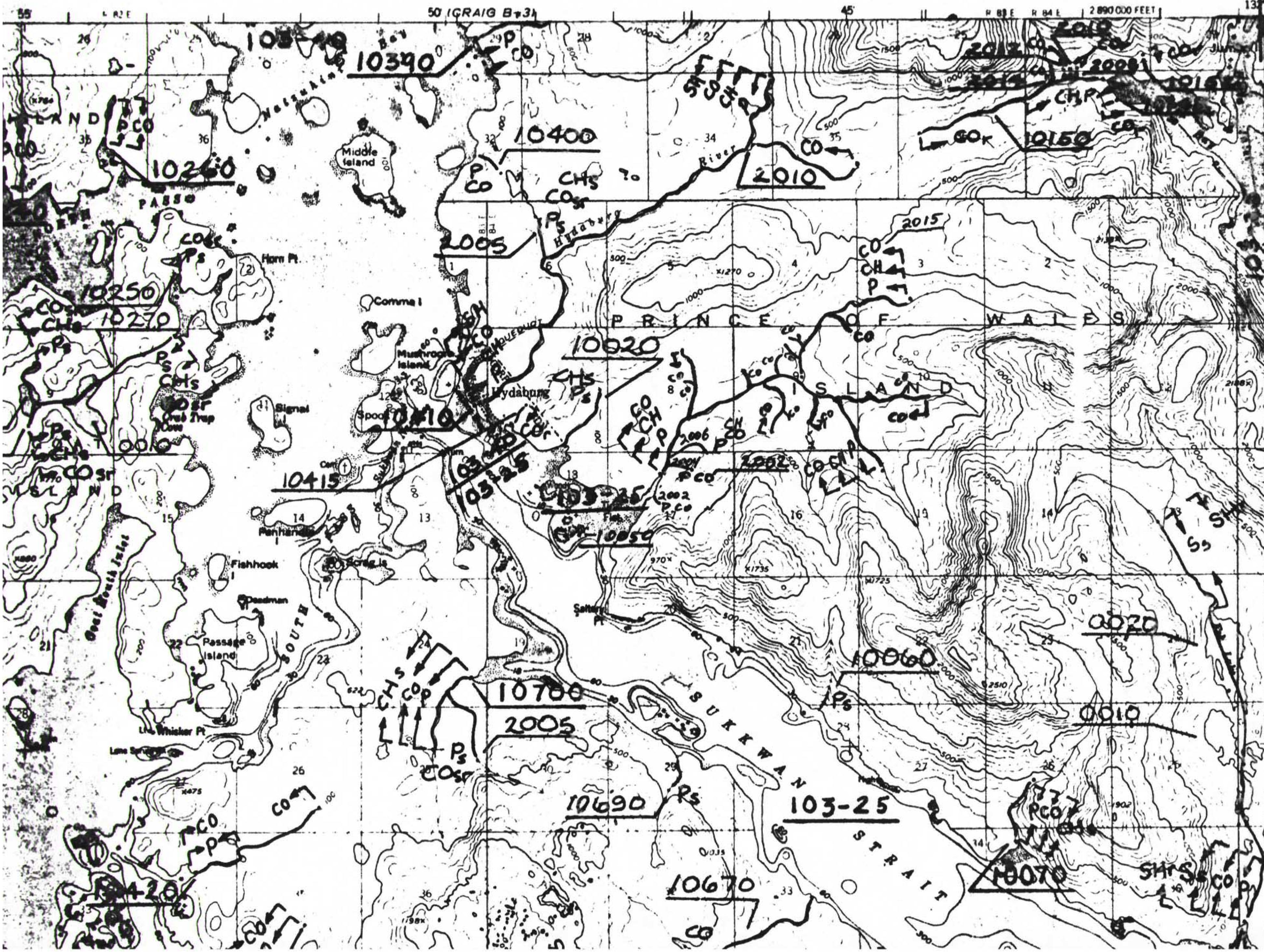
Address: ADF&G Habitat Division

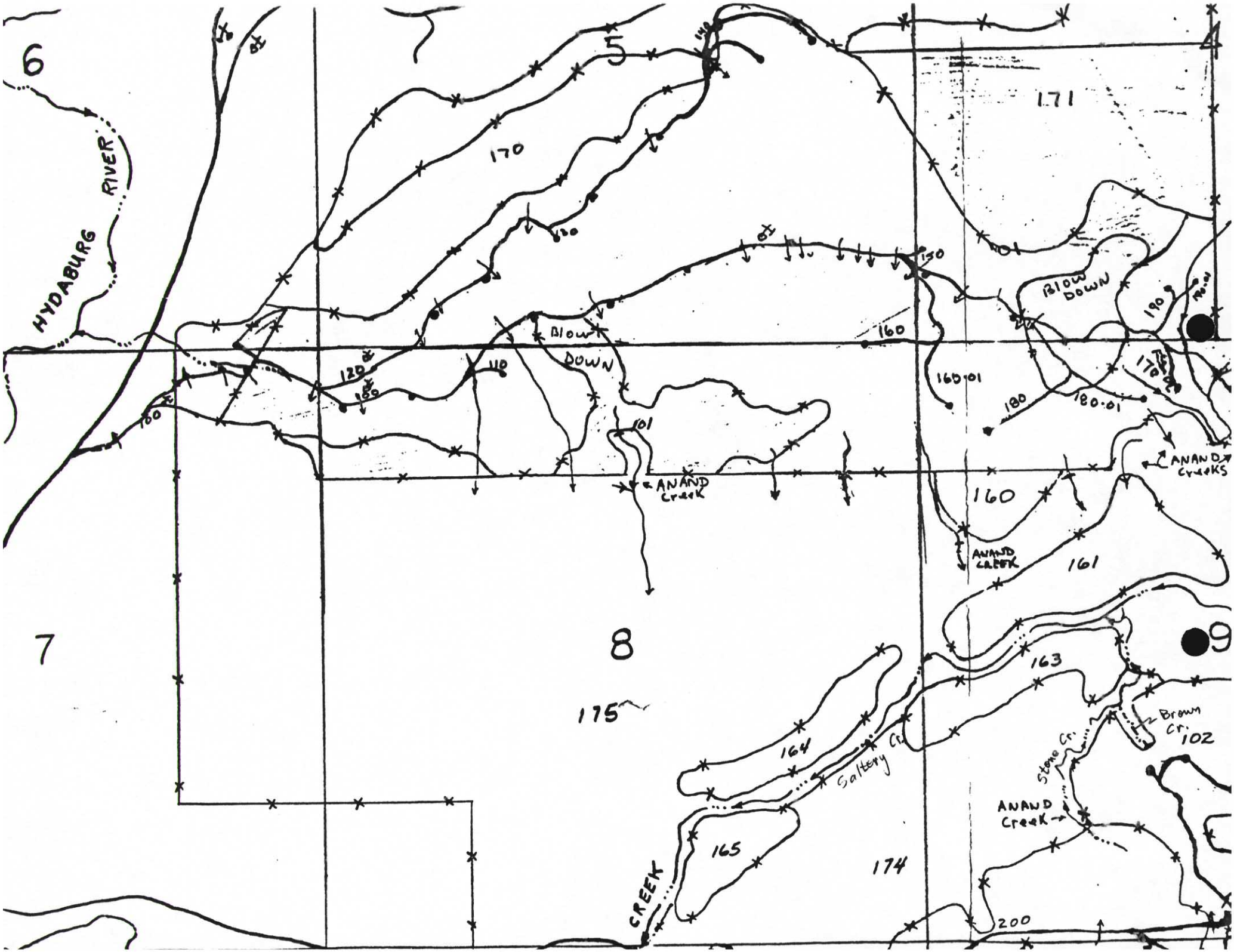
P.O. Box 271, Klawock, AK 99925

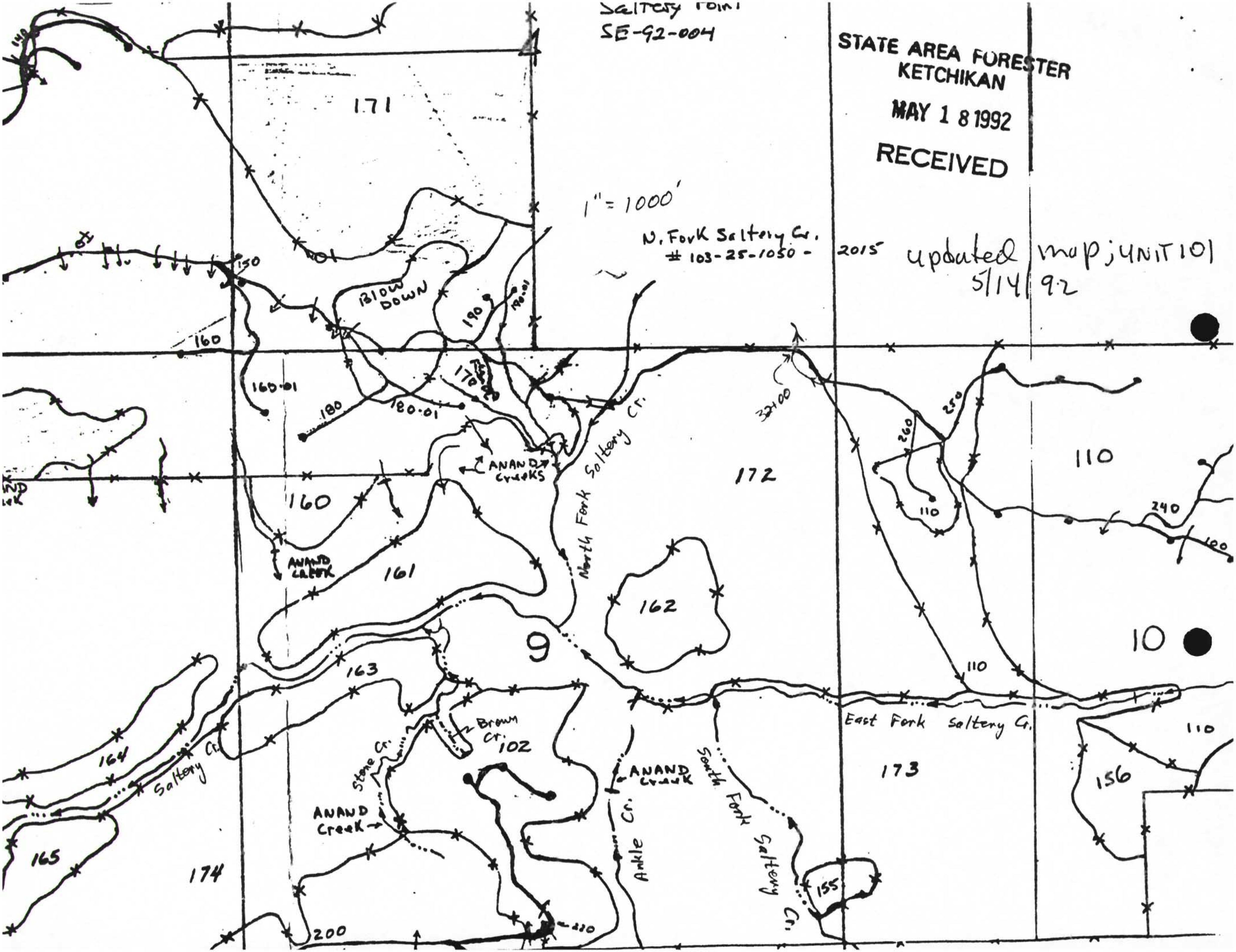
Signature of Area Biologist: Jack Anderson

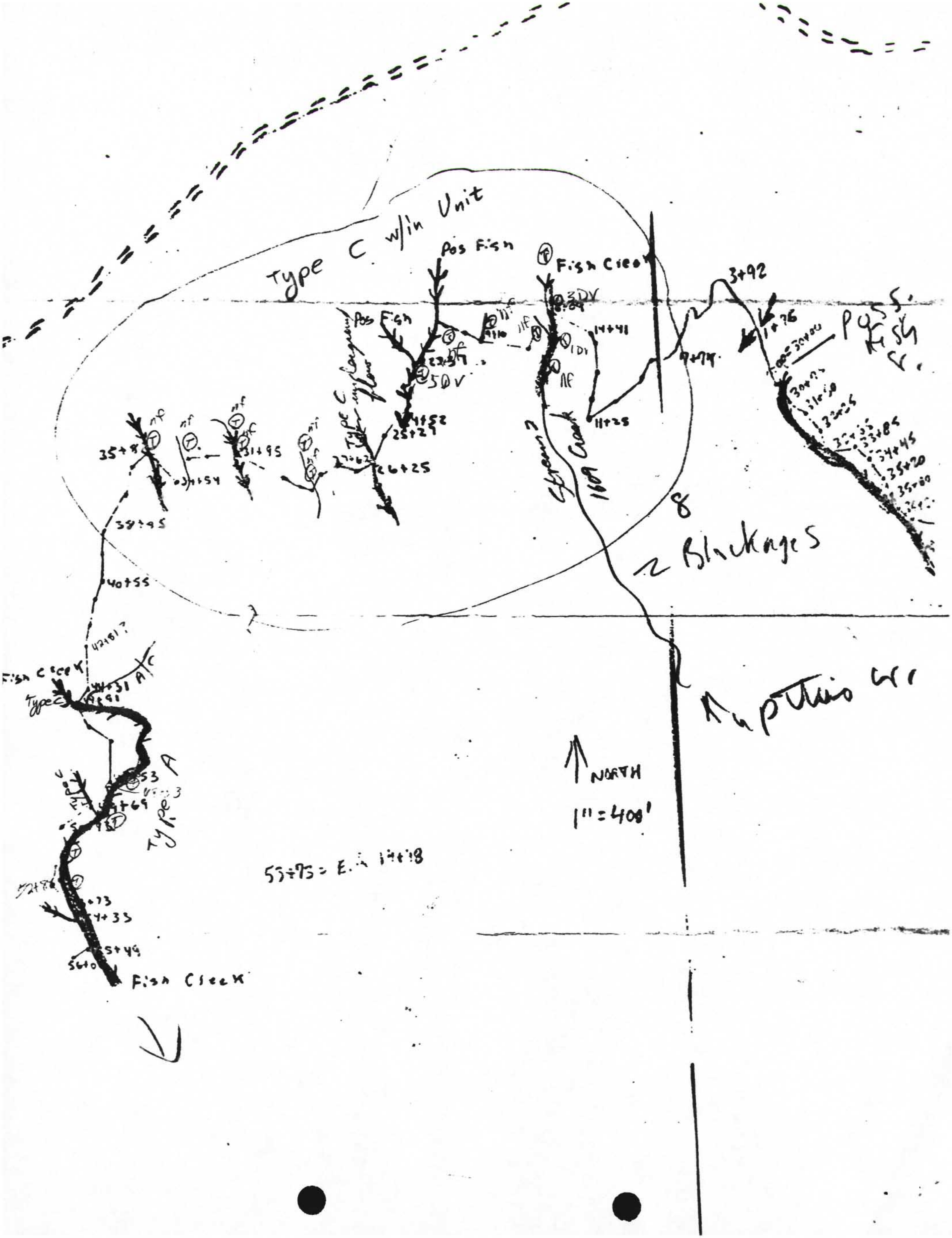
Rev. 12/91

CRAIG (A-3) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)

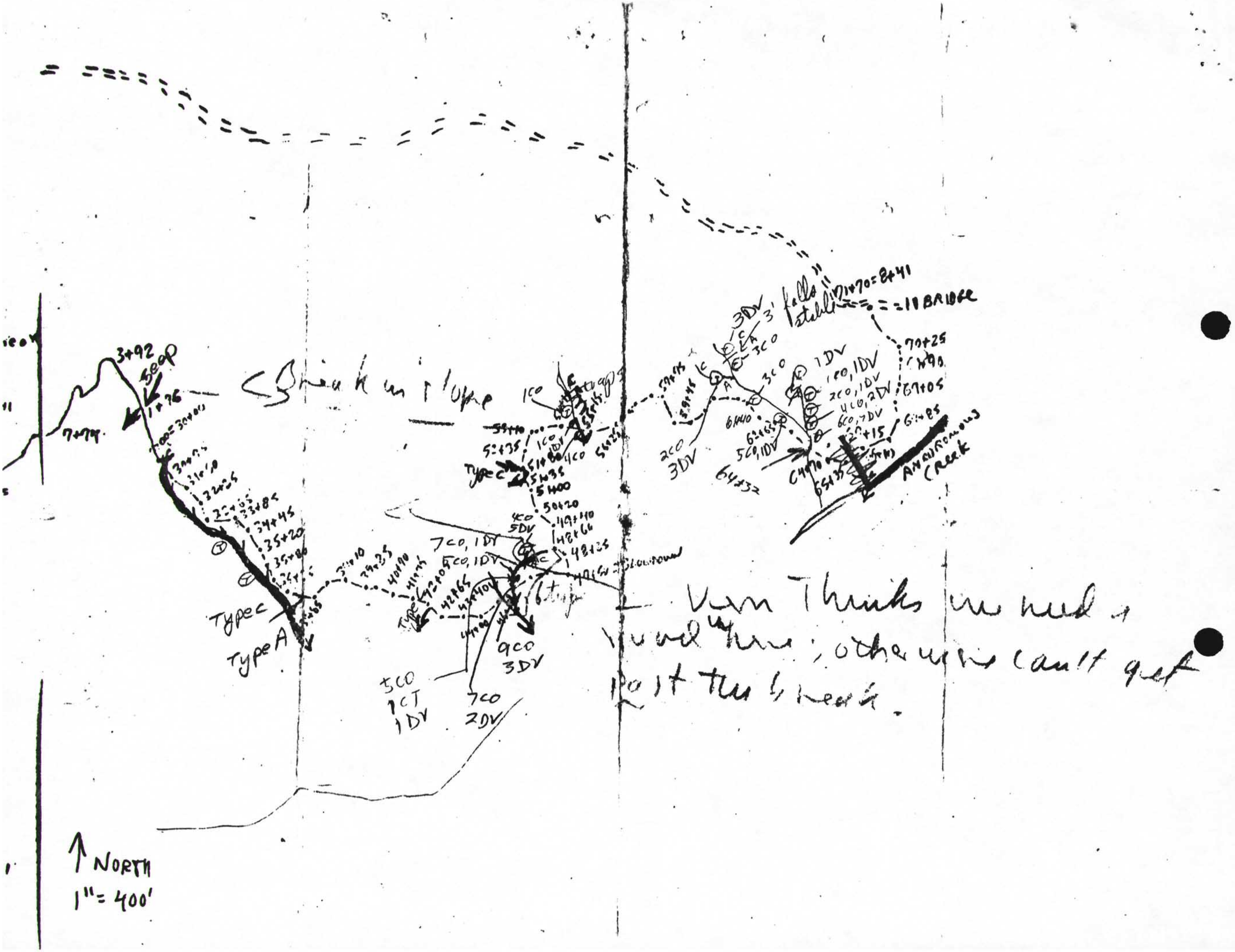



6
5
171
HYDABURG RIVER
170
Blow DOWN
160
Blow DOWN
190
160.01
180
180.01
ANAND Creek
ANAND Creeks
160
ANAND Creek
161
7
8
9
175
163
Brown Cr.
102
Stone Cr.
164
Saltery Cr.
ANAND Creek
165
174
CREEK
200


Saltery Point
SE-92-004
STATE AREA FORESTER
KETCHIKAN
MAY 1 8 1992
RECEIVED
1" = 1000'
N. Fork Saltery Cr.
103-25-1050 - 2015
updated map; UNIT 101
5/14/92
171
BLOW DOWN
190
190.01
150
160
160.01
170
180
180.01
ANAND CREEKS
North Fork Saltery Cr.
3200
172
260
250
110
240
100
160
161
ANAND CREEK
162
9
10
163
164
165
Saltery Cr.
Brown Cr.
102
Stone Cr.
ANAND Creek
ANAND Creek
Ankle Cr.
South Fork Saltery Cr.
East Fork Saltery Cr.
173
156
155
174
200
220



Type C w/in Unit
Pos Fish
Fish Creek
3+92
Poss. Fish
Type C
5DV
1DV
11+25
Stream 7
1609 Creek
8
2 Blockages
Fish Creek
Type C
Type A
Type A
NORTH
1" = 400'
53+73 = E.[illegible] 14+18
Fish Creek


3+92
Seep
Type C
Type A
Type C
9CO
3DV
5CO
1CT
1DV
7CO
2DV
7CO, 1DV
5CO, 1DV
4CO
5DV
2CO
3DV
3DV
3' falls
11 BRIDGE
Anadromous Creek
↑ NORTH
1" = 400'